

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11524

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|--|---|---|
| <b>A. CLASSIFICATION OF SUBJECT MATTER</b><br>IPC 7 A61F5/56 A61M16/00 A61B7/00 A61B5/087  |   |   |
| According to International Patent Classification (IPC) or to both national classification and IPC  |   |   |
| <b>B. FIELDS SEARCHED</b><br>Minimum documentation searched (classification system followed by classification symbols)<br>IPC 7 A61F A61B A61M   |   |   |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  |   |   |
| Electronic data base consulted during the international search (name of data base and, where practical, search terms used)<br>EPO-Internal, WPI Data, PAJ, BIOSIS, INSPEC  |   |   |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>  |   |   |
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.   |
| X  | US 6 363 933 B1 (BERTHON-JONES MICHAEL)<br>2 April 2002 (2002-04-02)<br>column 7, line 15 -column 17, line 6;<br>figure 2           | 24-28   |
| X  | US 6 105 575 A (MECHLENBURG DOUGLAS M ET AL)<br>22 August 2000 (2000-08-22)<br>column 16, line 62 -column 17, line 47;<br>figure 10 | 24-28   |
| X  | US 5 803 066 A (NORMAN ROBERT G ET AL)<br>8 September 1998 (1998-09-08)<br>column 11, line 58 -column 13, line 54;<br>figures 18,23 | 24-28   |
| -/-  |   |   |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <span style="margin-left: 100px;"><input checked="" type="checkbox"/> Patent family members are listed in annex.</span>   |   |   |
| * Special categories of cited documents :<br><div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*G* document member of the same patent family</p> </div> </div> |   |   |
| Date of the actual completion of the international search<br><br><div style="text-align: center;">12 February 2004</div>   |   | Date of mailing of the international search report<br><br><div style="text-align: center;">18/02/2004</div> |
| Name and mailing address of the ISA<br>European Patent Office, P.B. 5818 Patentlaan 2<br>NL - 2200 HV Rijswijk<br>Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,<br>Fax (+31-70) 340-3016  |   | Authorized officer<br><br><div style="text-align: center;">Ruff, C</div>                                    |

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/11524

| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |  |                       |
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| X  | WO 02 47747 A (BERTHON-JONES MICHAEL<br>; UJHAZY ANTHONY JOHN (AU); RESMED LTD<br>(AU);) 20 June 2002 (2002-06-20)<br>page 4, line 25 -page 7, line 24; figures<br>1,6 | 24-28                 |
| P,X  | WO 03 059158 A (MEIER JOERG ;BETZL THOMAS<br>(DE); SCHAETZL STEFAN (DE); DANA-MIKA AL)<br>24 July 2003 (2003-07-24)<br>page 3, line 28 -page 5, line 13                | 24-28                 |

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International Application No

PCT/EP 03/11524

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